

CLAIMS

1. A Bluetooth adaptor for allowing a communications device to accept a connection from a Bluetooth enabled device, the communications device having an output which periodically outputs a connection request signal, the adaptor comprising:
- 5 an input for coupling to the output;
a radio for providing Bluetooth connectivity; and,
a processor coupled to the input and the radio, wherein, in use the processor is adapted to:
- 10 cause a Bluetooth connection to be established in response to a connection request from the Bluetooth enabled device; and,
once the Bluetooth connection has been established, cause a connection to be established with the communications device via the input in response to a connection request signal received at the input.
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2. An adaptor according to claim 1, wherein the communications device is adapted to communicate in accordance with a first communications protocol, and wherein the Bluetooth enabled device is adapted to communicate in accordance with a second communications protocol, the processor being further adapted to translate
- 20 data between the first and second protocols as required.
3. An adaptor according to claim 1 or claim 2, wherein the input is adapted to couple to the output of a PDA.
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4. An adaptor according to any of the preceding claims, wherein the adaptor further comprises a store for storing data to be transferred between the Bluetooth enabled device and the communications device.
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5. A system for allowing a communications device to accept a connection from a Bluetooth enabled device, the system comprising:
- a communications device having:
- an output; and,
a processor coupled to the output, the processor being adapted to periodically generate a connection request signal at the output,

an adaptor having:

an input for coupling to the output;
a radio for providing Bluetooth connectivity; and,
an adaptor processor coupled to the input and the radio, wherein, in
5 use the processor is adapted to:

cause a Bluetooth connection to be established in response to
a connection request from the Bluetooth enabled device; and,
once the Bluetooth connection has been established, cause a
connection to be established with the communications device
10 via the input in response to the connection request signal
received at the input.

6. A system according to claim 5, wherein the communications device is a PDA.

15 7. A system according to claim 5 or claim 6, wherein the output is for coupling to
a modem, the connection request signal being a modem connection request signal.

8. A system according to any of claims 5 to 7, wherein the processor is adapted
to periodically generate the connection request signal in response to a request from
20 the user of the communications device.

9. A system according to any of claims 5 to 8, wherein the communications device
is adapted to communicate in accordance with a first communications protocol, and
wherein the Bluetooth enabled device is adapted to communicate in accordance with
25 a second communications protocol, the adaptor processor being further adapted to
translate data between the first and second protocols as required.

10. A system according to any of claims 5 to 9, wherein the adaptor is an adaptor
according to any of claims 1 to 4.

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11. A method of causing a communications device to accept a connection from a
Bluetooth enabled device, the method comprising:

coupling the communications device to an adaptor;

causing the communications device to periodically output a connection request signal;

causing the adaptor to accept a Bluetooth connection from the Bluetooth enabled device in response to a connection request; and,

5 once the Bluetooth connection has been established, causing the adaptor to establish a connection with the communications device in response to a connection request from the communications device.

10 12. A method according to claim 11, wherein the method further comprises causing the communications device to periodically output a connection request signal in response to a request from the user of the communications device.

13. A method according to claim 11 or claim 12, wherein the adaptor accepts a Bluetooth connection from the Bluetooth enabled device by:
15 monitoring for a connection request signal from the Bluetooth enabled device;
and,
generating a response indicating that the connection is to be accepted.

20 14. A method according to any of claims 11 to 13, wherein the communications device is adapted to communicate in accordance with a first communications protocol, and wherein the Bluetooth enabled device is adapted to communicate in accordance with a second communications protocol, the method further comprising causing the adaptor to translate data between the first and second protocols as required.